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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20060279282 A1

L112: Entry 1 of 7

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 2. Document ID: US 20030042904 A1

L112: Entry 2 of 7

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030042904

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030042904 A1

TITLE: Imaging method and a device for processng image data

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wiese, Stefan	Koln		DE
Shah, Nadim Joni	Juelich		DE
Zilles, Karl	Koln		DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 3. Document ID: US 7003343 B2

L112: Entry 3 of 7

File: USPT

Feb 21, 2006

US-PAT-NO: 7003343

DOCUMENT-IDENTIFIER: US 7003343 B2

**** See image for Certificate of Correction ****TITLE: Method and apparatus for anatomically tailored k-space sampling and recessed elliptical view ordering for bolus-enhanced 3D MR angiography

DATE-ISSUED: February 21, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030032877 A1

February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watts; Richard	New York	NY		US
Wang; Yi	Pittsburgh	PA		US
Prince; Martin R.	New York	NY		US

US-CL-CURRENT: 600/410; 324/306, 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	<u>Sequences</u>	<u>Attachments</u>	Claims	KWC	Draw D
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☐ 4. Document ID: US 6794867 B1

L112: Entry 4 of 7

File: USPT

Sep 21, 2004

US-PAT-NO: 6794867

DOCUMENT-IDENTIFIER: US 6794867 B1

TITLE: Isotropic imaging of vessels with fat suppression

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Block; Walter <u>F.</u>	Madison	WI		
Grist; Thomas M.	Madison	WI		
Lu; Aiming	Madison	WI		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	<u>Sequences</u>	<u>Attachments</u>	Claims	KWC	Draw D
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☐ 5. Document ID: US 6487435 B2

L112: Entry 5 of 7

File: USPT

Nov 26, 2002

US-PAT-NO: 6487435

DOCUMENT-IDENTIFIER: US 6487435 B2

**** See image for Certificate of Correction ****TITLE: Magnetic resonance angiography using undersampled 3D projection imaging

DATE-ISSUED: November 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mistretta; Charles A.	Madison	WI		
Barger; Andrew V.	Madison	WI		
Block; Walter E.	Madison	WI		

US-CL-CURRENT: 600/420; 324/307, 324/309, 600/407, 600/410, 600/415, 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 6400151 B1

L112: Entry 6 of 7

File: USPT

Jun 4, 2002

US-PAT-NO: 6400151

DOCUMENT-IDENTIFIER: US 6400151 B1

TITLE: Method and apparatus for the acquisition of data for magnetic resonance imaging

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haase; Axel	97222 Rimpar			DE
Jakob; Peter M.	97074 Wurzburg			DE
Hillenbrand; Claudia	97720 Nudlingen			DE
Hahn; Dietbert	97273 Kurnach			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: US 3157284 A

L112: Entry 7 of 7

File: USOC

Nov 17, 1964

US-PAT-NO: 3157284

DOCUMENT-IDENTIFIER: US 3157284 A

TITLE: Device for selecting and sorting discrete data bearing elements

DATE-ISSUED: November 17, 1964

INVENTOR-NAME: JAMES CLAIRE L; BROOKS ROBERT W ; MASSARD ROBERT L

US-CL-CURRENT: 209/551, 209/559

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw D
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Term	Documents
EDGE	3062373
EDGES	1801626
PERIPHERAL	1542708
PERIPHERALS	45200
PERIPHERY	1332913
PERIPHERIES	106069
PERIPHERYS	54
PERIPHERALLY	95964
PERIPHERALLIES	0
PERIPHERALLYS	2
OUTER	3917504
(L111 AND (((EDGE OR PERIPHERAL OR PERIPHERY OR PERIPHERALLY OR OUTER OR OUTSIDE OR BORDER OR BOUNDARY) SAME ((CENTER OR CENTRAL OR CENTRALLY OR CENTERED OR MIDDLE OR INNER OR INSIDE OR ORIGIN) SAME (KSPACE OR K-SPACE OR "K SPACE" OR "K.SUB.X" OR "K.SUB.Y" OR "KX" OR "KY" OR "KZ" OR "K.SUB.Z" OR RAW))) SAME (FIRST OR PRIMARY OR INITIAL OR BEGINING OR BEGIN OR STARTING OR START) SAME (TWO OR "MORE THAN TWO" OR "AT LEAST TWO" OR ANOTHER OR ADDITIONAL OR SECOND OR SECONDARY OR DIFFERENT OR SEPARATE OR RESPECTIVE OR INDEPENDENT OR INDIVIDUAL OR DISTINCT) SAME (FREQUENCY OR "F" OR "FREQ"))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

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WEST Search History

DATE: Wednesday, January 10, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L112	L111 and (((edge or peripheral or periphery or peripherally or outer or outside or border or boundary) same ((center or central or centrally or centered or middle or inner or inside or origin) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))) same (first or primary or initial or begining or begin or starting or start) same (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	7
<input type="checkbox"/>	L111	L110 and (((pulse) with (sequence or train)) same (first or primary or initial or begining or begin or starting or start) same (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	54
<input type="checkbox"/>	L110	L108 and (((pulse) with (sequence or train)) same (((first or primary or initial or begining or begin or starting or start) same (frequency or "f" or "freq")) same ((two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))))	54
<input type="checkbox"/>	L109	L108 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	5
<input type="checkbox"/>	L108	L107 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O" or "ESR" or electron or flourine or phosphorus or "fl" or "p")	177
<input type="checkbox"/>	L107	L106 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed or combination) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	181
<input type="checkbox"/>	L106	L105 and ((kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw) same (data or signal or echo))	230
<input type="checkbox"/>	L105	L104 and (data or signal or echo)	239
<input type="checkbox"/>	L104	L103 and ((edge or peripheral or periphery or peripherally or outer or outside or border or boundary) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	241
<input type="checkbox"/>	L103	L102 and ((center or central or centrally or centered or middle or inner or inside or origin) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	348
	L101 and (((first or primary or initial or begining or begin or starting or start)		

<input type="checkbox"/>	L102	same (frequency or "f" or "freq")) same ((two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	847
<input type="checkbox"/>	L101	L100 and ((full or complete or total or entire or entirety or fully or completely or totally or fill or filling or filled or completion or completing) same (k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw))	988
<input type="checkbox"/>	L100	L99 and (full or complete or total or entire or entirety or fully or completely or totally or fill or filling or filled or completion or completing)	3733
<input type="checkbox"/>	L99	L98 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3 or region or zone or area)	3883
<input type="checkbox"/>	L98	L97 and ((first or primary or initial or begining or begin or starting or start) same (frequency or "f" or "freq"))	3887
<input type="checkbox"/>	L97	L96 and (center or central or centrally or centered or middle or inner or inside or origin)	6340
<input type="checkbox"/>	L96	L95 and (edge or peripheral or periphery or peripherally or outer or outside or border or boundary)	6976
<input type="checkbox"/>	L95	L94 and ((two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct) same (frequency or "f" or "freq"))	10830
<input type="checkbox"/>	L94	L93 and (frequency or "f" or "freq")	21648
<input type="checkbox"/>	L93	L92 and (two or "more than two" or "at least two" or another or additional or second or secondary or different or separate or respective or independent or individual or distinct)	27815
<input type="checkbox"/>	L92	l1 and (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw)	28983
<input type="checkbox"/>	L91	L90 and ((edge or peripheral or periphery or peripherally or outer or outside) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	5
<input type="checkbox"/>	L90	L84 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	498
<input type="checkbox"/>	L89	L85 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	16
<input type="checkbox"/>	L88	L87 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	6
<input type="checkbox"/>	L87	L86 and (electron or "esr" or "epr")	33
<input type="checkbox"/>	L86	L85 and ((center or central or centrally or centered or middle or inner or inside) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	67

<input type="checkbox"/>	L85	L84 and ((edge or peripheral or periphery or peripherally or outer or outside) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	136
<input type="checkbox"/>	L84	L83 and (full or complete ot total or entire or entirety or fully or commpletely or totally or fill or filling or filled)	7493
<input type="checkbox"/>	L83	L82 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	8001
<input type="checkbox"/>	L82	L81 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (time or read or domain or image or space or frequency))	8187
<input type="checkbox"/>	L81	L80 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (time or read or domain or image or space or frequency))	8187
<input type="checkbox"/>	L80	L79 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3)	9731
<input type="checkbox"/>	L79	L78 and (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z" or raw)	9844
<input type="checkbox"/>	L78	L77 and (edge or peripheral or periphery or peripherally or outer or outside)	65470
<input type="checkbox"/>	L77	L1 and (center or central or centrally or centered or middle or inner or inside) <i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	121041
<input type="checkbox"/>	L76	L1 and (center or central or centrally or centered or middle or inner or inside) <i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	114094
<input type="checkbox"/>	L75	('4789933' '5270653' '5402067' '5485086' '5539313' '5604434' '5652516' '5758646' '5910728' '5912557' '6020739' '6215306' '6272479' '6288547' '6400152' '6483306' '6801037' '6933720' '6937014' '6937015' '20030109781' '20030216636' '20040044280' '20040260173' '20050017717' '20050033153' '20050057249' '20050074152')![pn] <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	28
<input type="checkbox"/>	L74	L73 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	1
<input type="checkbox"/>	L73	L13 and ((variable with density with spiral) or VDS)	1
<input type="checkbox"/>	L72	L45 and ((variable with density with spiral) or VDS)	3
<input type="checkbox"/>	L71	(L70 or L69 or L68 or L67)	16
<input type="checkbox"/>	L70	L66 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	5
<input type="checkbox"/>	L69	L66 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary	8

		or different or separate) same (frequency)))	
<input type="checkbox"/>	L68	L66 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	3
<input type="checkbox"/>	L67	L66 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	12
<input type="checkbox"/>	L66	L65 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3)	379
<input type="checkbox"/>	L65	L4 and ((variable with density with spiral) or VDS)	379
<input type="checkbox"/>	L64	L57 and L55	1
<input type="checkbox"/>	L63	L58 and L59	2
<input type="checkbox"/>	L62	L61 and (substitute or substituting or substituted or substitution or exchanging or exchanged or exchange or interchange or interchanging or interchanged or interchange or inter-changing or inter-changed or switch or switching or switched or switchably or switchable)	35
<input type="checkbox"/>	L61	L60 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	40
<input type="checkbox"/>	L60	L59 or L58 or L57 or L55	40
<input type="checkbox"/>	L59	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	8
<input type="checkbox"/>	L58	L53 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	30
<input type="checkbox"/>	L57	L53 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	34
<input type="checkbox"/>	L56	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) ((second or additional or another or secondary or auxiliary or different or separate) same (frequency)))	0
<input type="checkbox"/>	L55	L53 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same ((first or primary or initial) same (frequency)))	7
		L53 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or	

<input type="checkbox"/>	L54	hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	2
<input type="checkbox"/>	L53	L52 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	72
<input type="checkbox"/>	L52	L51 and (transform or transformation or transforming or transformed or transformable or FT or FFT or DFT)	79
<input type="checkbox"/>	L51	L50 and (combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed)	93
<input type="checkbox"/>	L50	L49 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3). same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	95
<input type="checkbox"/>	L49	L48 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	154
<input type="checkbox"/>	L48	L47 and ((second or additional or another or secondary or auxiliary or different or separate) same (frequency))	3961
<input type="checkbox"/>	L47	L20 and ((first or primary or initial) same (frequency))	4866
<input type="checkbox"/>	L46	L45 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (frequency))	6
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L45	('5270653' '5402067' '20030216636' '20040044280' '20050017717' '20050033153' '20050057249')![pn]	7
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L44	L41 and (fetzner)	4
<input type="checkbox"/>	L43	L41 and (substitute or substituting or substituted or substitution or exchanging or exchanged or exchange or interchange or interchanging or interchanged or inter-change or inter-changing or inter-changed)	13
<input type="checkbox"/>	L42	L41 and (electron or "esr" or "epr")	4
<input type="checkbox"/>	L41	L40 and ((center or central or centrally or centered or middle) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	80
<input type="checkbox"/>	L40	L36 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3 or under or under-sampl\$3 or undersampl\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	85
<input type="checkbox"/>	L39	L38 and (electron or "esr" or "epr")	4
		L37 and ((center or central or centrally or centered or middle) same (portion or	

<input type="checkbox"/>	L38	part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	66
<input type="checkbox"/>	L37	L36 and ((edge or peripheral or periphery or peripherally) same (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	70
<input type="checkbox"/>	L36	L35 and (transform or transformation or transforming or transformed or transformable or FT or FFT or DFT)	116
<input type="checkbox"/>	L35	L34 and ((combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	128
<input type="checkbox"/>	L34	L33 and (combining or combine or combined or add or adding or added or addition or suming or summation or summing or sumed or summed)	142
<input type="checkbox"/>	L33	L32 and ((center or central or centrally or centered or middle) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	142
<input type="checkbox"/>	L32	L29 and ((edge or peripheral or periphery or peripherally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	152
<input type="checkbox"/>	L31	L29 and (electron or "esr" or "epr")	8
<input type="checkbox"/>	L30	L29 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	3
<input type="checkbox"/>	L29	L25 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (frequency))	212
<input type="checkbox"/>	L28	L25 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	5
<input type="checkbox"/>	L27	L26 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	1
<input type="checkbox"/>	L26	L25 and (electron or "esr" or "epr")	10
<input type="checkbox"/>	L25	L24 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	302
<input type="checkbox"/>	L24	L23 and ((full or complete or total or entire or entirety or fully or completely or totally) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	310
<input type="checkbox"/>	L23	L22 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	480
<input type="checkbox"/>	L22	L21 and (k-space or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z")	1677
<input type="checkbox"/>	L21	L20 and ((first and second or additional or another or primary or secondary or auxiliary or different or separate) same (time or read or domain or image or space or frequency))	26641
<input type="checkbox"/>	L20	L19 and (time or read or domain or image or space or frequency)	31561

<input type="checkbox"/>	L19	L5 and (first and second or additional or another or primary or secondary or auxiliary or different or separate)	31789
<input type="checkbox"/>	L18	L17 and (hyper or hyper-polarize or hyper-polarizing or hyper-polarizable or hyper-polarized or hyperpolarize or hyperpolarizing or hyperpolarizable or hyperpolarized or hyperpolarization or hyper-polarization)	1
<input type="checkbox"/>	L17	L16 and (electron or "esr" or "epr")	10
<input type="checkbox"/>	L16	L15 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	297
<input type="checkbox"/>	L15	L14 and ((full or complete ot total or entire or entirety or fully or commpletely or totally) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	305
<input type="checkbox"/>	L14	L8 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	476
<input type="checkbox"/>	L13	L12 and ((portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	4
<input type="checkbox"/>	L12	L11 and ((full or complete ot total or entire or entirety or fully or commpletely or totally) same (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z"))	8
<input type="checkbox"/>	L11	L10 and (electron or "e")	198
<input type="checkbox"/>	L10	L9 and (proton or "h" or hydrogen or water or oil or lipid or fat "13" or "c" or carbon or nuclei or "h2O" or "h.sub.2O")	204
<input type="checkbox"/>	L9	L8 and (hyper or hyper-polariz\$4 or hyperpolariz\$4 or hyperpolarization or hyper-polarization)	205
<input type="checkbox"/>	L8	L7 and (time or read or domain or image or space or frequency)	1745
<input type="checkbox"/>	L7	L6 and (kspace or k-space or "k space" or "k.sub.x" or "k.sub.y" or "kx" or "ky" or "kz" or "k.sub.z")	1745
<input type="checkbox"/>	L6	L5 and (first and second or additional or another or primary or secondary or auxiliary)	31395
<input type="checkbox"/>	L5	L4 and (portion or part or partly or partially or incomplete or incompletely or half or NEX or skipped or skipping or skip or interleav\$3)	31909
<input type="checkbox"/>	L4	L3 and (full or complete ot total or entire or entirety or fully or commpletely or totally)	32258
<input type="checkbox"/>	L3	L2 and (edge or peripheral or periphery or peripherally)	39825
<input type="checkbox"/>	L2	L1 and (center or central or centrally or centered or middle)	103122
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRI or NMR)	243065

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☐ 1. Document ID: US 20060279282 A1

L109: Entry 1 of 5

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060279282

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060279282 A1

TITLE: System and method for magnetic resonance imaging

PUBLICATION-DATE: December 14, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20050089474 A1

L109: Entry 2 of 5

File: PGPB

Apr 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050089474

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050089474 A1

TITLE: Method and system for producing magnetic resonance images

PUBLICATION-DATE: April 28, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cremillieux, Yannick	Lyon		FR
Canet, Emmanuelle	Lyon		FR
Callot, Virginie	Lyon		FR

US-CL-CURRENT: 424/9.3; 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040260173 A1

L109: Entry 3 of 5

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260173

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040260173 A1

TITLE: Optimized high-speed magnetic resonance imaging method and system using hyperpolarized noble gases

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Salerno, Michael	Palo Alto	CA	US
Mugler III, John P.	Charlottesville	VA	US
Brookeman, James R.	Charlottesville	VA	US

US-CL-CURRENT: 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 7078899 B2

L109: Entry 4 of 5

File: USPT

Jul 18, 2006

US-PAT-NO: 7078899

DOCUMENT-IDENTIFIER: US 7078899 B2

TITLE: Pareto-optimal magnetic resonance data acquisition

DATE-ISSUED: July 18, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050057249 A1	March 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dale; Brian M.	Euclid	OH		US
Duerk; Jeffrey L.	Avon Lake	OH		US
Lewin; Jonathan S.	Baltimore	MD		US

US-CL-CURRENT: 324/314; 324/307, 324/318, 600/411, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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5. Document ID: US 6225804 B1

L109: Entry 5 of 5

File: USPT

May 1, 2001

US-PAT-NO: 6225804

DOCUMENT-IDENTIFIER: US 6225804 B1

TITLE: Correction of DC offset in magnetic resonance imaging signals

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lai; Ching-Ming	Wakefield	MA		

US-CL-CURRENT: 324/309; 324/317, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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HYPER-POLARIZING	10
HYPER-POLARISING	0
HYPER-POLARIZABLE	3
HYPER-POLARIZABLES	0
HYPER-POLARIZED	55
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